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(71) Applicant (for all designated States except US): **BEJO ZADEN B.V.** [NL/NL]; Trambaan 1, NL-1749 CZ Warmerhuizen (NL).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **BARTEN, Piet** [NL/NL]; Franse Pad 10, NL-1723 AJ Noord-Scharwoude (NL).

(74) Agent: **MANTEN, Annemleke**; Arnols & Siedsma, Sweelinckplein 1, NL-2517 GK The Hague (NL).

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(54) Title: **BRASSICA PLANTS WITH HIGH LEVELS OF ANTICARCINOGENIC GLUCOSINOLATES**

(57) Abstract: The present invention relates to a method for providing plants belonging to the Brassicaceae family with elevated levels of anticarcinogenic glucosinolates. The plants are obtained by 1) the production of a Brassica oleracea plant with elevated levels of anticarcinogenic glucosinolates in the edible parts and 2) the use of the Brassica oleracea plant produced under 1) as a starting material for breeding Brassica varieties with elevated levels of anticarcinogenic glucosinolates.



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